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| <b>FORM 1449 P.E.</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><b>JUN 19 2002 IN AN APPLICATION</b><br><small>(Use several sheets if necessary)</small> |  |  | Docket Number:<br>10873.892USWO | Application Number:<br>10/088,066 |
|  |  |  | Applicant: TAKAMINE et al.      |                                   |
|  |  |  | Filing Date: March 7, 2002      | Group Art Unit: <del>2852</del>   |

| U.S. PATENT DOCUMENTS |              |           |                  |       |          |                            |
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| EXAMINER INITIAL      | DOCUMENT NO. | DATE      | NAME             | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| SSB                   | 6,065,830    | May 2000  | Hiramatsu et al. | 347   | 104      |                            |
| SSB                   | 5,096,180    | Mar. 1992 | Nagaoka et al.   | 271   | 110      |                            |
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## FOREIGN PATENT DOCUMENTS

|     | DOCUMENT NO.  | DATE      | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|-----|---------------|-----------|---------|-------|----------|-------------|----|
|     |               |           |         |       |          | YES         | NO |
| SSB | 5-22584 A     | Jan. 1993 | Japan   | —     | —        | Abstract    |    |
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| SSB | 6-8537 A      | Jan. 1994 | Japan   | —     | —        | Abstract    |    |
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| SSB | 11-3190 A     | Jan. 1999 | Japan   | —     | —        | Abstract    |    |
| SSB | 11-34438 A    | Feb. 1999 | Japan   | —     | —        | Abstract    |    |
| SSB | 2000-13718 A  | Jan. 2000 | Japan   | —     | —        | Abstract    |    |
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| EXAMINER <i>Fred S. Braun</i>   | DATE CONSIDERED <i>September 29, 2003</i> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation and not considered. Include copy of this form for next communication to the Applicant. |   |

